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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

BROWN, SHEREE N

ART UNIT

PAPER NUMBER

2163

DATE MAILED: 03/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/877,200

Applicant(s)

TOTH, PAUL

Examiner

Sheree N. Brown

Art Unit

2163

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 January 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 23-37 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 23-37 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 January 2005 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communications: Application 09877200, Amendments, filed on 01/14/2005. Applicant cancelled originally filed claims 1-22 and added new, claims 23-37.

This action is made final.

Drawings

2. The examiner has not approved the changes to the drawings submitted on 01/14/2005. The drawings are objected to because the screen shot of the user interface in Figure 2, is not viewable.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 23-30 and 32-37 are rejected under 35 U.S.C. 102(e) as being anticipated by Yeager et al., to US Patent Number 5,950,190.

As per claims 23 and 34, Yeager et al., explicitly teaches, "a method of processing a query session for records". (See Abstract) Yeager further teaches, "a GUI ... an input window ... a first display area for displaying results ... a second display area for displaying a list of summaries of queries ... a start button and an add button ... clearing previous results ... initiating a search ... a current answer set containing matching records ... current answer set in said first display area ... displaying a summary of said search in second display area ... an answer set ... a database command corresponding to said query function ... a corresponding command button ... " ("the dynamic database interface ... executed by programmed instructions of a general purpose computer in response to input information ... allows user to search and edit the contents of the relational database using a plurality of graphical windows ... allows users to edit the structure of the relational database ... attributes the column type or width assigned to existing columns within the table ... column which contains a unique value of each row within the table ... a search result window displays the result of a search conducted via the search window ... the search window receives the search results in the results window these same search results will be highlighted ... up to date list of all the possible entries for the fields ... the logical query input by the user in the search window to corresponding SQL commands ... a main or start up window [44]... user chooses the "search" option in the menu bar of the main window[44] ... buttons will be

offered within the search window ... new inventory are to be added to the relational database ... add button ... " -- See Abstract & Figures 1, Item 1 & Figure 4, Item 50 & Figures 5-8 & Column 3, Lines 25-67 & Column 7, Lines 30-35 & Column 9, Lines 35-40 & Column 10, Lines 1-17 & Column 10, Lines 63-67 & Column 11, Lines 5-20 & Column 13, Lines 1-11 & Column 14, Lines 5-10 & Column 15, Lines 65-67 & Column 16, Lines 1-5) wherein the "search" button is equivalent to the "start" button. In addition, the "contents of the relational database (batches of data) " is equivalent to "records".

As per claims 24 and 35, Yeager et al., explicitly teaches, "a select action ... a select button in said command buttons ... initiating a search on a current answer set to generate a select answer set containing any matching records from the current answer set ... displaying said select answer set in said first display area ... displaying a summary of said search in said second display area at the end of said list" ("choices window allows a user to select ... click on ... a particular entry within the list of possible descriptions ... reflects the current database contents for that particular parameter ... the inclusion of separate choices windows enhances both the usability of the search window and the accuracy of the search query by providing a user with an up to date list of all the possible entries for the field of the search window" -- See Figure 8 & Column 7, Lines 1-10).

As per claims 25 and 36, Yeager et al., explicitly teaches, "a remove action ... a remove button in said command buttons ... executing a search on a current answer set

to remove answer set ... does not include any matching records ... displaying said remove answer set in said first display area ... displaying a summary of said search in said second display area at the end of said list" ("a delete button allows a user to remove from a specific database table ... " -- See Figure 8 & Column 7, Lines 1-10) wherein the "delete" action is equivalent to the "remove" action.

As per claims 26 and 37, Yeager et al., explicitly teaches, "providing an undo action button ... taking the answer set generated immediately before the current answer set ... making said answer set to be the current answer set" ("undo button" -- See Figure 7, "Undo" button).

As per claim 27, Yeager et al., explicitly teaches, "Operands are entered in separate fields in said GUI" ("Separate input fields ... Parameter button to allow a user to edit the information contained within those fields by using one of the input device ... " -- See Column 12, Lines 14-20).

As per claim 28, Yeager et al., explicitly teaches, "attribute and answer set include text, real numbers, Boolean values ... dates ... images ... " ("names and attributes data type ... the user input field ... may contain text, numbers or typical wildcard characters" -- See Column 20, Lines 20-25 & Column 24, Lines 29-35).

As per claim 29, Yeager et al., explicitly teaches, "displayed answer set is a partial answer set matching said search criteria" ("the results of the converted SQL search query are then ... displayed in a dynamically generated results window [70]" -- See Figure 7 & Column 11, Lines 10-25).

As per claim 30, Yeager et al., explicitly teaches, "corresponding attribute value is a predefined fixed value" ("the main sequence determines the names of the database tables which are to be queried ... by the user ... attributes are determined ... the column names and attributes for each of the tables determined ... predefined queries ... a unique value for each row of data within that table ... " -- See Column 20, Lines 15-25 Column 21, Lines 21-30 & Column 22, Lines 40-50).

As per claim 32, Yeager et al., explicitly teaches, "a user interface having a selectable list of attributes, an input area for entering at least one value ... plurality of controls ... a selector to select said search actions ... a viewer to view ... " ("an operator pull down list is build ... provides a user with six logical operators ... the user input field ... different search criteria ... " -- See Figures 2 & Figure 4 & Column 24, Lines 25-40).

As per claim 33, Yeager et al., explicitly teaches, "answer set is displayed after each search action" ("in response to user inputs ... the search window ... the graphical user interface displays a response to the search query on the display device" -- See Column 20, Lines 5-25).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 31 is rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent Number 5,950,190 to Yeager et al., in view of US Patent Number 6,745,203 to Garg.

As per claim 31, Yeager et al., fails to explicitly teach, "Voice recognition engine for input ... ". However, Garg discloses, "Voice recognition engine for input ... " ("microphone input device" -- See Column 11, Lines 39-44). It would have been obvious at time of the invention for one of ordinary skill in the art to have combined the teaching of Yeager and Garg above, because implementing a "voice recognition engine", would have given those skilled in the art the ability to incorporate ways to input information into the computer system or network. This gives users many variations to input data with all possible types of devices.

Response to Amendment

7. Applicant's remarks filed on 01/14/2005 have been fully considered but they are not persuasive.

Applicant's arguments with respect to claim(s) 23-37 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheree N. Brown whose telephone number is (571) 272-4229. The examiner can normally be reached on Monday-Friday 7:00 AM - 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on (272) 272-4023. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2163

10: Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

S. Brown
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February 23, 2005



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